

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A multizone air conditioning system of a motor vehicle, having, as viewed in the direction of airflow, a control element (7') for controlling the temperature, a vaporizer (4) and a heater (5) which are arranged in an air guiding housing (2), the air guiding housing (2) having dividing walls (8), characterized in that at least one dividing element (9; 16) for the sealed division of the individual zones of the air conditioning system (1) is provided on the heater (5) and/or on a supplementary heater (6), which dividing element (9; 16) interacts with components which are adjacent to the dividing walls (8) and/or dividing elements (6; 19).
2. (currently amended) The air conditioning system as claimed in claim 1, ~~characterized in that~~ wherein the control element (7') is arranged in front of the heater (5).
3. (currently amended) The air conditioning system as claimed in claim 1 ~~or 2~~, ~~characterized in that~~ wherein one control element (7') is provided per zone.
4. (currently amended) The air conditioning system as claimed in ~~one of the preceding claims~~, ~~characterized in that~~ claim 1, wherein a supplementary heater (6) is provided arranged ahead of or behind the heater (5).
5. (currently amended) The air conditioning system as claimed in ~~one of the preceding claims~~, ~~characterized in that~~ claim 1, wherein the dividing element (9; 16) is provided on the heater (5) and/or supplementary heater (6).
6. (currently amended) The air conditioning system as claimed in claim 5, ~~characterized in that~~ wherein the dividing element (9; 16) is injection molded or clipped onto the heater (5) and/or onto the supplementary heater (6).
7. (currently amended) The air conditioning system as claimed in claim 5 ~~or 6~~, ~~characterized in that~~ wherein the dividing element (9) bridges an undercut which is present between the network of the heater (5) and the collecting tanks of the heater (5).



8. (currently amended) The air conditioning system as claimed in ~~one of the preceding claims, characterized in that~~ claim 1, wherein the dividing element (9; 16) is of cross-shaped configuration.

9. (currently amended) The air conditioning system as claimed in ~~one of the preceding claims, characterized in that~~ claim 1, wherein the dividing element (9; 16) has a frame.

10. (currently amended) A multizone air conditioning system of a motor vehicle, having, as viewed in the direction of airflow, a control element (~~7'~~) for controlling the temperature, a vaporizer (~~4~~) and a heater (~~5~~) having a network and collecting tanks which are arranged in an air guiding housing (~~2~~), the air guiding housing (~~2~~) having dividing walls (~~8~~), characterized in that the network of the heater is as wide in the direction of airflow as the adjacent collecting tanks of the heater and bears tightly directly against a dividing wall.